

Date: Wed, 11 Aug 93 04:30:10 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #970
To: Info-Hams

Info-Hams Digest Wed, 11 Aug 93 Volume 93 : Issue 970

Today's Topics:

 900 meg bandplan???
 Have you tried this antenna?
 How to Tune an HF Triode Amplifier?
 IS there an R5---R7 Cushcraft upgrade???
 Newbie satellite questions.
 Obsolete RAM desperately sought

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 10 Aug 1993 23:14:01 GMT
From: pacbell.com!UNET!loren!larson@network.ucsd.edu
Subject: 900 meg bandplan???
To: info-hams@ucsd.edu

In article <CBHCy0.76L@iat.holonet.net> bwilkins@iat.holonet.net (Bob Wilkins
n6fri) writes:

>Here in California the Primary users of the 902 MHz band have graciously
>allowed us to operate in the one MHz segments on the band edges.

>We are secondary users of this spectrum. The automatic vehicle location
>service is primary. There is a major system operating in the southern
>california los angeles region. Pacific Teletrak will be operating in the
>central valley and bay area soon.... There are others already licenced
>and operating telemetry systems here in the bay area.

>

>Pacific Teletrak a division of pac bell was out in the field quieting
>noisy theft alarms, located at the doors of record stores and other fine
>shops in southern california ;) Their attoerneys were also busy quieting
>those who wouldn't take no for an answer ;(Remember these guys are
>primary, so we must not interfere with their operations in any way.

When did these users become primary? Last time I read the rules,
they were secondary users.

Alan

Date: Wed, 11 Aug 1993 07:18:41 GMT
From: munnari.oz.au!bruce.cs.monash.edu.au!trlluna!titan!rhea!
handers@network.ucsd.edu
Subject: Have you tried this antenna?
To: info-hams@ucsd.edu

I wonder if anyone has built &/or tried the "Baby Loopy, a half wave
inductively loaded loop"? 73 mag. Oct. 92
If you have, any thoughts? Worth building? Does it work? etc.

Date: Wed, 11 Aug 93 08:07:52 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!doc.ic.ac.uk!uknet!uos-ee!
ee.surrey.ac.uk!M.Willis@network.ucsd.edu
Subject: How to Tune an HF Triode Amplifier?
To: info-hams@ucsd.edu

I have got hold of a 2x 3-500Z amplifier for HF. Although I can tune it up I
wonder
if I am getting it right. What is the correct proceeedure. As there is no screen,
it
is not like tuning the tetrodes I am used to.

What ought the grid current to be? I know it depends on loading, but there is
probably an optimum value at each power output. Assuming 2.5 kV to 3 kV on the
anode under load (tapped transformer), what is a reasonable anode current for say
400W PEP output commensurate with good intermod performance and long tube life?
What about grid current?

73 Mike

Date: Wed, 11 Aug 1993 11:37:59 GMT
From: pa.dec.com!nntpd2.cxo.dec.com!nuts2u.enet.dec.com!little@decwrl.dec.com
Subject: IS there an R5---R7 Cushcraft upgrade???
To: info-hams@ucsd.edu

ap451@yfn.ysu.edu (Justin Randall Padawer) writes:

>Is there a factory upgrade for the Cushcraft R5 antenna that will make it
>work as an R7???

The AES catalog lists something called a R-57K that will convert an R5 to
an R7. I'm not sure that qualifies as a factory upgrade though.

73,
Todd
N9MWB

Date: 11 Aug 1993 00:05 CDT
From: usc!cs.utexas.edu!tamsun.tamu.edu!zeus.tamu.edu!tskloss@network.ucsd.edu
Subject: Newbie satellite questions.
To: info-hams@ucsd.edu

Howdy, I just passed my tech (no-code, sorry OTs) exams and am now waiting...

In the meantime I would like to do some research on amateur satellite
communication. Satellite links interest me the most and I need sources
of information. Here at Texas A&M, our library is surprisingly short on
amateur radio books (except a few ARRL publications, but no sat stuff).

I have heard that sat links can be done in VHF-UHF and think that a
dual-band transceiver might work best. If I can decide on what equipment
to buy by Christmas, It will most certainly be a happy New Year.

What types of equipment are best for this? Are they data capable? Can
they be used for normal VHF/UHF communication via repeaters?

Any help would be greatly appreciated!
Thanks in advance

-Tim

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* *(*) (*) (*) (*)	Tim Skloss		
* * \/ \/ * *	Texas A&M University, Dept. of Chemistry		
* /===== \ *	College Station, TX 77843-3255		
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		-----				fax: (409) 845-4719	
						Internet: TSKLOSS@venus.tamu.edu	
		==	==			My opinions do not reflect those of TAMU	

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Date: Sun, 08 Aug 1993 18:48:28 MEST
 From: swrinde!elroy.jpl.nasa.gov!usc!sol.ctr.columbia.edu!xlink.net!
 subnet.sub.net!nadia!amy!nd!laosinh!gerrit@network.ucsd.edu
 Subject: Obsolete RAM desperately sought
 To: info-hams@ucsd.edu

In article <bycyn1q@dixie.com>, John De Armond writes:

> I am in desperate need for some National Semi MM2114N static RAM.
 > This part is obsolete and none of the distributors I've contacted have any.

Hm... They are expensive in germany, but you can still get them,
 if you want them. The ones I've seen at a friend were made by
 Hitachi, you may try to phone them.

Do you _really_ need the 2114? If I were unable to find these RAMs,
 I would take a little PCB, some wire and a 6116 and replace 2 (or
 4 with some extra logic) 2114 with it. The 6116 is a 2 k x 8
 CMOS SRAM. This trick will lower the power consumption of your
 circuit too.

> Nat Semi has been unable to help. I'm hoping one of you might have some
 > laying on a shelf or in some old piece of equipment. I need 10 pieces.

My friend has about 20, but it would be too expensive to send them
 to the USA.

Gerrit

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Gerrit Heitsch Moenchweg 16 71088 Holzgerlingen Germany
 Logical addresses: UUCP: gerrit@laosinh.stgt.sub.org FIDO: (2:2407/106.9)
 If we will ever be visited by Aliens, it will be very hard to explain, why a
 lifeform, that is intelligent enough to build atomic weapons can be stupid
 enough to do it. (taken from GEO special about space, page 88-91)

Date: 11 Aug 1993 08:04:33 GMT

End of Info-Hams Digest V93 #970
